



iSupervisor Web Based Terminal Automation



Complete terminal automation

Automated tanker loading is now a key requirement for both the large storage terminal and the smaller distribution depot alike. Automated tanker loading systems afford the user greater control of meter deliveries, accurate reporting of meter movements and increased safety during the loading process.

iSupervisor TAS

The iSupervisor platform is an automation system that is modular in design which acts as a layer between site instrumentation and the user, and can be provided as a complete terminal automation system (TAS) for the main storage distribution terminal. However, the system is infinitely flexible and can also be provided as a basic system for small depot operators.

In every case the open connectivity of the system provides the user with access and control locally at the storage facility and remotely through a web interface.

EA Projects offers a range of solutions for terminal automation incorporating every requirement of the modern loading facility such as injection of performance additives and rack blending of bio-ethanol and bio-diesel. Tailored modules are available for management of petroleum, fuel oils, liquid natural gas (LNG), liquid petroleum gas (LPG), chemical and food products.

The system provides full control of the complete tanker loading process from order entry through to Bill of Lading production and head office reporting. Multi-tiered graphical screens provide dynamic data received from site instrumentation and an integrated event log records all system activity and site operations.

Order	Status
0002522	
Driver	James Gregory
Vehicle	JB53 ABS
Trailer	ABS30
Time In	04/06/11 08:56:56
Time Out	N/A

Arm	Tank	Product	Status	Pot	Preset (L)	Delivered (L)	% Complete	Flowrate (L/m)	Density (kg/m ³)	Temp (°C)	Totaller (L)
1	802	KERO		0	0	0		0	795.9	23.3	37261046
2	813	GASOIL	Batching	2	17500	16435	93.9%	671	837.5	22.1	89984959
3	813	GASOIL	Batching	1	17500	11982	68.5%	459	837.5	22.4	24567500
4	801	KERO		0	0	0		0	796.0	23.1	9086455



Reporting and Product Reconciliation

EA Projects can also offer stock control and tank gauging modules which can be integrated seamlessly into the iSupervisor system. These modules enable the facility for full product reconciliation through the built-in detailed reporting tools.

These detailed reports can be printed from any location or exported directly in a variable number of formats. Alternatively the system can be configured to fully integrate with third party enterprise resource or accounting systems.

Reports can be tailored to meet the customer's exact reporting requirements and can be offered in multiple languages where required.





Our core software products consist of the following web solutions:

▶ **iSupervisor**

A web based terminal automation package designed specifically for the requirements of petrochemical main terminals and bulk storage depots. The system offers ultimate flexibility as it can be used with virtually any hardware and can control loading of any type. Integrated modules for additive injection, blending applications and full stock reconciliation are available. Product specific versions of this system are available for chemicals, liquid gases, bio-fuels and fuel oils distribution.

▶ **iMonitor**

A web based bulk tank gauging system that is totally configurable to your business requirements. This solution provides you with real time feedback on the status of your product storage tanks and also provides you with historical activity reporting. It is available as a stand-alone product or as an integrated module within the iSupervisor system.

▶ **iSentinel**

An access control module for use with our tanker loading applications which allows the user to manage all site gate access and egress both locally and via a web interface.

▶ www.ea-projects.com



Measurement & Metering Control

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